

IN THE SPECIFICATION:

Please amend the specification as follows:

Please delete paragraph [0028] and replace it with the following paragraph:

[0028] As used herein, a "probe" is a substance, e.g., a molecule, that can be specifically recognized by a particular target. Generally, probes will be linked to solid support to facilitate the separation of DNA. In the invention, the probes linked to magnetic beads (MagProbe) are preferred. The sequence of the probe in MagProbe is amine-TAACCGGCTGTGGGTAGCAG **(SEQ ID NO: 7)**.

Please delete paragraph [0049] and replace it with the following paragraph:

[0049] III. Target amplification: two steps

Step I:

(1) Set up a new 0.2 ml microfuge tube by adding up the following reagent:

<u>Reagent</u>	<u>Volume</u>
DNA	1 μ l
Reaction mixture*	49 μ l

* The reaction mixture contains the following cocktail:

<u>Reagent</u>	<u>Volume</u>
10X extension buffe	5 μ l

#4primer(TGAGGGCACGAGGTGGCA) **(SEQ ID NO: 8)** 5 μ l

#5primer(CGTAGGCGTCGGTCACAA) **(SEQ ID NO: 9)** 5 μ l

dNTP 1 μ l

Taq DNA polymerase (2U/ μ l) 0.5 μ l

ddH₂O 32.5 μ l

1. Initiate the following program with heated lid enabled

Extension program:

	Temperature	Time	1. Number of cycles
1	94°C	5 min	1 cycle
2	94°C 62.5°C 72°C	30 sec 15 sec 15 sec	30 cycles
3	72°C	10 min	1 cycle
4	4°C	Hold	- -

Step II:

1. Set up a new 0.2 ml microfuge tube by adding up the following:

<u>Reagent</u>	<u>Volume</u>
PCR product from step 1	15µl
Reaction mixture*	35µl

* The reaction mixture contains the following cocktail:

<u>Reagent</u>	<u>Volume</u>
10X extension buffe	5µl

#6primer(GATGCACCGTCGAACGGC) (SEQ ID NO: 10) 5µl

#7primer(CCACGTAGGCGAACCT) (SEQ ID NO: 11) 5µl

dNTP 1µl

Taq DNA polymerase (2U/µl) 0.5µl

ddH₂O 18.5µl

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2. Initiate the extension program.

*Extension program is the same as step 1.